



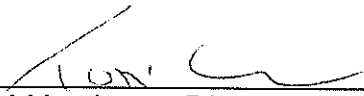
WATER QUALITY ENVIRONMENTAL PERFORMANCE PARTNERSHIP AGREEMENT

Calendar Year 2008

Idaho Department of Environmental Quality
U.S. Environmental Protection Agency, Region 10

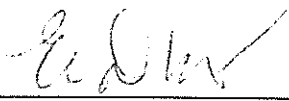
Water Quality Division Environmental Performance Partnership Agreement

The following Performance Partnership Agreement (PPA) between the United States Environmental Protection Agency (EPA), Region 10 and the State of Idaho is for the Idaho Department of Environmental Quality (DEQ) Water Quality Division. This PPA will serve as the Water Quality Division's work plan. It is effective for the Calendar Year 2008 and covers the period January 1, 2008 through December 31, 2008. This agreement aligns the State of Idaho and EPA Region 10 priorities and defines expected environmental outcomes. Through this agreement, federal and state agencies can work together more efficiently in managing the water resources in Idaho.



Toni Hardesty, Director
Idaho Department of Environmental Quality

12/17/07
Date



Elin D. Miller, Regional Administrator
U.S. Environmental Protection Agency, Region 10

1/7/08
Date

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INTRODUCTION

EPA and States share responsibility for environmental protection. This Performance Partnership Agreement (PPA) describes how the Idaho Department of Environmental Quality (DEQ) Water Quality Division and the U.S. Environmental Protection Agency Region 10 (EPA) will work together to protect Idaho's water quality.

The goal of a PPA is to bring more flexibility, accountability, and innovation into the state and federal relationship. In particular, these agreements are intended to increase environmental protection by focusing on overall environmental goals and results of the government programs. In the PPA process, DEQ and EPA discuss environmental conditions and program needs, agree on priorities, develop approaches to address priorities, determine roles and responsibilities, and choose program measures.

This agreement details how DEQ and EPA will work together to accomplish their common water quality goals. The two agencies will continue to focus their work on integrating key program areas that form the foundation of the water program. The Idaho core programs include: safe drinking water, ground water, water quality standards, water quality monitoring and assessment, water body and watershed restoration, wastewater and drinking water infrastructure, and National Pollution Discharge Elimination System (NPDES) permits and compliance. DEQ is the lead agency for most of these programs except for NPDES, for which EPA is the lead. Each major water quality program component identifies the expected environmental results as well as the DEQ and EPA work commitments to be completed during Calendar Year 2008 (January 1, 2008 through December 31, 2008).

To present a comprehensive overview of DEQ's efforts to protect water quality, this PPA describes additional DEQ Water Quality Division activities funded by other federal and non-federal funds.

STRATEGIC PRIORITIES

EPA and DEQ were guided in these PPA negotiations by their respective strategic plans and priorities. The DEQ and EPA strategic plans are available to review from each agency's website. These strategic plans are broad-based and address more than just the water quality strategies and priorities. Figure 1 illustrates the relationship of the DEQ and EPA planning processes, including strategic priorities, to the PPA. The PPA offers an opportunity to identify common ground among these priorities and for the agencies to identify opportunities to work collaboratively on some of these priorities. The following sections describe each agency's strategic priorities. These sets of priorities establish the framework for development of this PPA. Specifically, this PPA incorporates EPA's priorities and targets that correspond to DEQ's priorities and objectives.

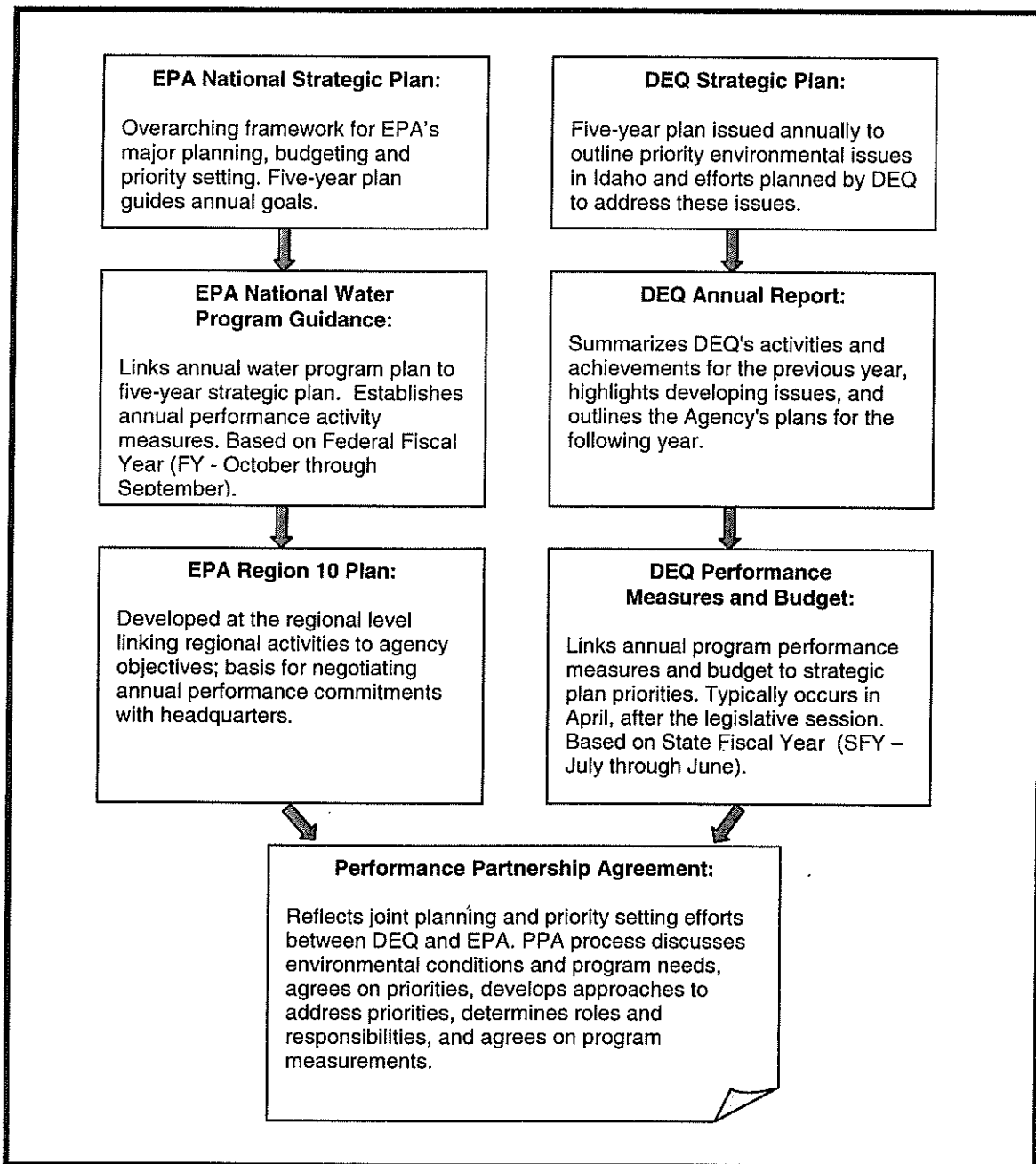


Figure 1 Relationship of DEQ and EPA planning processes to the PPA.

DEQ's Strategic Priorities

DEQ has adopted a Strategic Plan for 2008 through 2012, and it is available at: <http://www.deq.idaho.gov/about/publications.cfm>. DEQ's mission is to protect human health and preserve the quality of Idaho's air, land, and water for use and enjoyment today and in the future. DEQ intends to use environmental outcomes as one method in evaluating the effectiveness of its programs. Specific Water Quality Division objectives include:

- Improve ground water quality in identified degraded areas and protect all ground water.
- Improve the surface water quality in areas identified as not supporting their beneficial uses or where the State believes threatened or endangered species exist.
- Protect public health by maintaining or improving the quality of Idaho's Drinking Water.
- Promote watershed-based solutions and emphasize coordination, collaboration, and sharing of expertise across programs in recognizing the entire watershed as one system.
- Encourage environmentally friendly and protective reuse of wastewater.

EPA's Strategic Priorities

The EPA National Water Program Guidance provides an overarching document of national goals, priorities and performance measures (program activity measures - PAMs) aimed at making significant progress toward protecting human health and improving water quality. This national program guidance is augmented by the National Program Manager (NPM) Guidance for enforcement activities in all media. The NPM Guidance for Water similarly lays out expectations for water activities.

The EPA Regional Strategic Plan is available at: <http://www.epa.gov/ocfo/>. The EPA Regional Strategic Plan captures national and regional goals and describes priorities, strategies, and expectations. EPA Region 10 strives to integrate state and regional priorities with EPA's national strategic planning objectives. The 2007-2011 Strategy for Region 10 is available at: <http://www.epa.gov/r10earth/>.

The 2007-2011 Strategy for Region 10 identifies six strategic priorities, two of which are directly related to this PPA.

The *Protecting and Restoring Watersheds* and *Sustainability and Strategic Partnerships* priorities have several work activities pertaining to water quality. EPA's commitment to continuous improvement in the Idaho PPA process is articulated in the *Sustainability and Strategic Partnership* priority. EPA Region 10 identified the following priorities specific to Idaho water quality:

- Work with DEQ and other partners to complete the Portneuf River nutrient TMDLs (American Falls and Portneuf River) and associated NPDES permit revisions.
- Work with DEQ and other partners to complete the Boise River nutrient TMDL and associated NPDES permit revisions.
- Determine and characterize the sources of mercury contamination in southern Idaho water bodies subject to fish advisories and TMDLs.
- Work with DEQ and Idaho Department of Agriculture to revise the Beef Cattle Memorandum of Understanding (MOU).

GENERAL WATER QUALITY AGREEMENTS

Information and Document Sharing Expectations

DEQ will submit annual reports to EPA that provide data on the measures indicated in the Performance Partnership Agreement, unless this information is provided in grant reports. DEQ and EPA will inform each other regarding correspondence about grants, agreements, products or services rendered from other local, state and federal agencies or private entities that concern activities covered under this agreement.

Training and Technical Assistance

Each agency, within its resource limitations, will provide training and technical assistance to the other upon request.

Joint Evaluation of Performance

Unless stipulated otherwise in the PPA or individual grant conditions, DEQ and EPA will perform semi-annual reviews for all PPA commitments. These reviews will occur approximately mid-year in May 2008 and near the conclusion of the annual PPA. This joint evaluation of performance will discuss program accomplishments as measured against work plan commitments, existing and potential problem areas, and suggestions for improvement. As a result of these performance evaluations, DEQ and EPA will collaborate on preparing brief progress reports covering their respective commitments in the PPA.

Roles and Responsibilities

Roles and responsibilities for EPA and DEQ are specified at the Program Commitment level in this PPA.

Terms and Conditions

DEQ and EPA will follow all terms and conditions outlined in operating agreements, yearly grant agreements, federal and state statutes and regulations. For the purposes of quantification of effort, 2,080 person hours is one "full-time equivalent" (FTE), also known as one "work year." As required by 40 CFR Part 35, the following federal sources of funding have been identified in this PPA:

- *Surface Water 106** [Wastewater Reuse; NPDES Inspections/Capacity Development/Certifications; Wastewater Plan/Specs, Monitoring Initiatives]
- *Ground Water 106** [Ground Water Program Related Activities]
- *Non-point Source 319** [TMDL; NPS; Restoration and Management Plans]
- *104(b)(3)* [NPDES Capacity Development]
- *604(b) / 205(j)* [Wellhead Protection; On-site Wastewater Program]
- *TMDL Grant* [Portneuf River, Salmon Falls]
- *STAG Admin 3%* [Public Works Construction Oversight]
- *Drinking Water PWSS** [Drinking Water Program Administration]
- *Drinking Water SRF Capitalization Grant* [Drinking Water Loans, Loan Program Administration, and eligible set-aside activities]
- *Clean Water SRF Capitalization Grant* [Wastewater Loans, and Loan Program Administration]

(*Indicates grant funding subject to 2008 Office of Management and Budget state grant performance measure template)

Outcomes

Environmental outcomes are described in the individual program sections.

COMPONENT 1. Surface Water Assessment and Protection Programs

Program Goal

The goal of the DEQ Surface Water Program is to address impaired water bodies in order to support designated and existing beneficial uses. DEQ also plans to improve surface water quality in areas with endangered species issues. These goals are accomplished through the following activities: monitoring and data collection; assessment; Integrated Report publication (formerly called the 305(b) report and 303(d) list); water quality standards development; Total Maximum Daily Load (TMDL) development.

Activities

Complete TMDLs per 2002 Idaho Settlement Agreement. Continue monitoring and assessment; develop water quality standards (WQS). Submit 2008 Integrated Report.

Program Contacts

David Croxton, EPA (206) 553-6694
Jannine Jennings, EPA (206) 553-2724
Michael McIntyre, DEQ (208) 373-0570

Program Commitments

Priorities

- Finish remaining Sub Basin Assessments and Total Maximum Daily Loads (TMDLs) from the 2002 Settlement Agreement.
- The 2002 Settlement Agreement required review of previously evaluated water bodies to determine if TMDLs may now be needed. In December 2005, EPA approved Idaho DEQ's 2002 303(d) list. In order to fulfill the increased workload from those Assessment Units identified in Attachment 2 of the Settlement Agreement which were not delisted in 2002 and now require TMDLs, DEQ will need to reprioritize and shift some resources. EPA and DEQ agree that a prudent path forward in light of the current backlog of TMDLs is to include those waters identified above in DEQ's legislatively mandated 5-year TMDL review process and schedule completion of those TMDLs as part of that process. Should this change in priorities and shifting of resources warrant a change in the TMDL schedule established within the Settlement Agreement, DEQ will follow provisions outlined in the Settlement Agreement for making those changes.
- Develop plans and implement approved TMDLs with designated management agencies.
- Improve and maintain agency coordination of ambient monitoring activities in Calendar Year (CY) 2008 field season through the Ambient Monitoring Plan.
- Publish the 2008 Integrated Report and submit it to EPA by April 2008.
- Take public comment on DEQ's proposed HB 145 TMDL review schedule as part of the 2008 Integrated Report.
- Continue to update and modify water quality standards as needed.

Outcomes

An increased percentage of surveyed waters supporting beneficial uses and a decreased percentage of waters that do not support beneficial uses that have been addressed by TMDLs.

TOTAL MAXIMUM DAILY LOADS (TMDLS)

1.1 Restore beneficial uses and meet water quality standards in water quality limited water bodies.

Approach

Complete Sub-Basin Assessments (SBAs) and TMDLs as per the 2002 TMDL settlement agreement. See Outputs item (a) below.

Outputs

- a. Complete remaining TMDLs from the 2002 Settlement Agreement and schedule established therein.
 1. American Falls Reservoir (17040206)
 2. Crane Creek Reservoir (17050124)
 3. Lolo Creek (17060306)
 4. South Fork Payette River (17050120)
 5. Potlatch River (17060306)
 6. Jordan Creek (17050108)
 7. Schweitzer Creek (17010214)
 8. Lower Clearwater River (17060306)
 9. Mores Creek (17050112)
 10. Lake Lowell (17050114)
 11. Big Willow Creek (17050122)
 12. Salmon Falls Creek (17040213)
 13. Bear River (16010202, 204)
 14. Upper Henry's Fork (17040202)
 15. Little Lost River (17040207)
 16. Lemhi River (17060204)
 17. Pend Oreille Lake (17010214)
 18. Priest Lake (17010215)
 19. Coeur d'Alene River tribes (17010303)
 20. St. Joe/St. Maries (17010304)
 21. Lower Salmon River (17060101, 103)
 22. Lochsa River (17060303)
 23. North Fork Owhyee (17050107)
 24. South Fork Boise River (17050113)
 25. Lower Boise River (1750114)
 26. Middle Fork Payette River (1050121)
 27. Lower Payette River (17050122)
 28. Mid Snake Rock (17040212)
 29. Lake Walcott (17040209)
 30. Bruneau River (17050102)
 31. Middle Fork Salmon River (17060205)
 32. Lower Middle Fork Salmon River (17060206)

COMPONENT 1. Surface Water Assessment and Protection Programs

- 33. Brush Creek (17040207)
- 34. Pend Oreille River (17010216)
- 35. Upper Spokane (17010305)
- 36. Weiser - nutrients (17050124)

* DEQ will continue to cooperate with the Tribe, EPA, and the contractor on the development and issuance of the Black Lake TMDL.

- b. Continue to perform pre- and post-TMDL monitoring visits, to support TMDL development and adaptive management.
- c. 17060103 Snake River – Salmon River to Washington state line. This TMDL is a joint effort by EPA and states in conjunction with the Columbia Main Stem Temperature TMDL. DEQ and EPA will continue to work collaboratively on this TMDL; however, the final completion date is unknown at this time due to scope and complexity.
- d. 17050114 Lower Boise River nutrients – This addendum to the Snake River-Hells Canyon TMDL will cover targets, allocations, and reductions for the Lower Boise River.
- e. 17050114 Lower Boise River tributaries – DEQ will share the draft Use Attainability Analyses (UAA) Work Plan with EPA. If UAAs are completed and approved, some or all tributaries may be delisted. For those water body/pollutant combinations not delisted, TMDLs will be completed.
- f. Meet with plaintiffs to discuss status of TMDLs development per the 2002 Settlement Agreement. Discuss how to close out the Settlement Agreement in the coming year. Identify a database or similar tracking system to document the status of all waters addressed by the 2002 Settlement Agreement.

Schedule

SBA and TMDL completion follows a calendar year and an agreed-upon schedule; please see "TMDL Settlement Agreement, Attachment 1 – Schedule."

Note: Late TMDLs are anticipated for completion by December 2008 or during the first 5-year review cycle as described above.

Funding

These activities are funded by state monies appropriated through the Idaho State Legislature. Presently, DEQ devotes approximately 47,635 person hours (approximately 22.9 work years) and \$400,000 in contractual funds to support this effort. Successful achievement of these activities will depend on additional funding and collaborative efforts with other agencies. TMDL implementation Plan development efforts conducted by DEQ staff are funded by State general funds and some Federal 319 funds.

Contacts

David Croxton, EPA (206) 553-6694

Michael McIntyre, DEQ (208) 373-0570

MONITOR, ASSESS, AND DESIGNATE

1.2 Assess monitoring data for beneficial use status.

Approach

Continue targeted and random monitoring of Idaho water bodies per the DEQ Ambient Monitoring Strategy (2004). Improve the monitoring work plan and develop consistent training materials. Begin assessments of 2004-2005 data for the 2006 Integrated Report.

COMPONENT 1. Surface Water Assessment and Protection Programs

Continue to develop and maintain capacity for electronic reporting of 305(b) information in the Integrated Report. Continue electronic reporting of Integrated Reports using EPA's assessment data base. Commit to participate in EPA National River and Stream Survey program. Develop a plan for using monitoring initiative funding (\$169K).

Outputs

- a. Data collected at 50 random and 240 targeted BURP sites.
- b. Publication of the 2008 Integrated Report, including "public comment" and "response to public comment" activities.
- c. Complete 2008 Integrated Report by April 2008 and submit it to EPA.
- d. Implement Ambient Monitoring Plan.
- e. Share DEQ's river and stream monitoring results with EPA.
- f. Develop 4b policy for the 2008 Integrated Report.
- g. Provide the 2008 Integrated Report Policy and Procedures document for public comment.
- h. Identify at least ten 6th field (12 digits) HUC watersheds where watershed approaches are likely to result in significantly improved water quality by 2012 with respect to impairments listed in Idaho's 2002 Integrated Report. Report on successes as progress is demonstrable.

Schedule

- a. Continue to implement the Ambient Monitoring Plan for 2006 field season.
- b. Publish Idaho EMAP statewide report.

Funding

State monies largely fund the Idaho Ambient Surface Water Monitoring Program (AMP). DEQ does receive some federal monies to support the EMAP/REMAP program in Idaho. DEQ estimates approximately 58,638 person hours (equivalent to 28.19 work years) and \$300,000 in contractual funds to support AMP in this PPA cycle.

Contacts

Gretchen Hayslip, EPA (206) 553-1685

David Croxton, EPA (206) 553-6694

Michael McIntyre, DEQ (208) 373-0570

WATER QUALITY STANDARDS

1.3 Develop scientifically based functional water quality standards to address program needs and to ensure protection of Idaho water.

Approach

DEQ and EPA will work collaboratively to develop revised water quality standards and any implementation guidance. DEQ will request applicant status and participate in ESA consultations, and submit rulemaking dockets approved by the Idaho legislature for EPA action. EPA will review and consult on Idaho WQS submittals.

Outputs

- a. Share mixing zone technical procedures manual with EPA and meet to discuss coordination of mixing zone analyses.
- b. Provide results of DEQ/USGS cooperative low-flow study, when finalized, to EPA.

COMPONENT 1. Surface Water Assessment and Protection Programs

- c. Share results of DEQ's mercury fish tissue monitoring.
- d. Submit docket 58-0102-0505 to EPA for approval.

Schedule

DEQ anticipates the items listed in 1.3 above will be completed and submitted to EPA by December 31, 2008, unless otherwise specified.

Funding

These Activities are to be funded by monies appropriated through the state legislature. DEQ estimates approximately 13,244 person hours (equivalent to 6.37 work years) and \$300,000 in contractual funds to support this effort. Achievement of future goals will depend on additional funding and collaborative efforts with other agencies.

Contacts

Jannine Jennings, EPA (206) 553-2724

Michael Lidgard, EPA (206) 553-1755 (re: mixing zone analyses, §401 certification)

Michael McIntyre, DEQ (208) 373-0570

1.4 Component Commitments

DEQ Commitments

Please refer to output sections 1.1, 1.2, and 1.3 above regarding TMDL, Monitoring and Assessment, and Water Quality Standards Activities.

- a. Share 401 procedures rule with EPA.
- b. Share pre-public comment period drafts of TMDLs and the Integrated Report with EPA.
- c. Attempt to obtain a rule change for cadmium at low end hardness.
- d. Share the antidegradation strategy with EPA.
- e. Continue with the selenium site-specific criteria development project.
- f. Agree to hold discussions on moving forward with seasonal cold water criteria.
- g. Attempt mercury update for human health and aquatic life criteria based on c above.
- h. Initiate discussion on DEQ mercury fish tissue criterion implementation.
- i. Participate in a meeting with the new EPA nutrient lead on past, current and future DEQ nutrient accomplishments and goals.
- j. Meet with EPA to discuss an analytical approach to establishing nutrient TMDL targets.
- k. Meet with EPA to discuss a path forward for the revision of the Portneuf River TMDL.

DEQ and EPA Commitments

- a. Communicate at least quarterly by conference call on progress of WQS submittal and approval actions, TMDLs, Integrated Report, and PPA commitments.
- b. Strengthen working relationship on an ongoing basis.
- c. Seek additional state and federal funding for surface water protection activities, as may be available, including additional resources for 104(b)(3) monitoring and the Ambient Monitoring Plan.
- d. Both EPA and DEQ will make appropriate staff assignments to each TMDL.
- e. Report overall Surface Water Program progress semiannually regarding submittal and approval actions, TMDLs, and the Integrated Report.

COMPONENT 1. Surface Water Assessment and Protection Programs

- f. Coordinate review and selection of nonpoint source projects and activities directed to priority watersheds, taking into account multiple available funding sources.
- g. Continue support of the watershed approach, utilizing basin monitoring efforts, state program integration, and storm water planning to emphasize nonpoint source program results.
- h. Share additional DEQ analysis and findings with EPA. Based on that meeting, decide on a path forward for the Lochsa River HUC.

EPA Commitments

- a. EPA will assist DEQ with an arsenic human health update.
- b. Participate early and to the extent possible in DEQ negotiated rulemaking proceedings.
- c. Review the draft UAA work plan for the lower Boise River. Comment to DEQ on the adequacy of the approach.
- d. EPA will take timely action to approve or disapprove all TMDLs submitted by DEQ.
- e. EPA will take timely action regarding the current Integrated Report within statutory time frames.
- f. EPA will continue to provide timely review and action on the following:
 - 1. Provide TMDL Settlement Agreement parties with copies of TMDLs and corresponding action letters.
 - 2. Remove federal designation for Soda Creek, Blackfoot River, South Fork Coeur d'Alene River, and Canyon Creek.
 - 3. Review of rule dockets for Idaho specific cold water aquatic life criteria and Human Health criteria update (docket 58-0102-0503) and definitions (docket 58-0102-0505).
- g. EPA commits to better coordinate NPDES permitting with TMDL completion.
- h. Continue EPA technical support to DEQ for mercury TMDL development.

COMPONENT 2. Watershed Protection Program

2.1 Manage §319/NPS Program.

Program Goal

Implement the §319 Nonpoint Source (NPS) Program through EPA approved Idaho 2000 Nonpoint Source Management Plan and 2004 EPA §319 guidance. The Idaho Nonpoint Source Management plan is available at

http://www.deq.idaho.gov/water/data_reports/surface_water/nps/reports.cfm.

Update the umbrella NPS MOU among NPS agency partners to re-emphasize their roles and responsibilities in addressing nonpoint source issues on lands they administer.

These partners may include: Idaho State Department of Agriculture (ISDA), Idaho Department of Lands, Soil Conservation Commissions, U. S. Forest Service, U. S. Bureau of Land Management, Natural Resources Conservation Service, and others. As a follow-on to the umbrella MOU, DEQ will work on revising existing Nonpoint Source, Forest Practices Act, and other sector specific water quality Memorandums of Understanding (MOUs) as necessary.

Program Outputs

- a. Successful award and completion of implementation project grants initiated under §319 contracts. These grants are contingent upon approved TMDLs and other water quality priorities and will be based on funding availability and amount. The §319 Nonpoint Source Management Plan will be utilized as a guidance document for this activity.
- b. Administer grants in accordance with relevant grant conditions including use of the Grant Reporting and Tracking System (GRTS) to report program activities on all mandatory elements, including estimated project load reductions (for nitrogen, phosphorus, and sediment as applicable). DEQ will enter all FY2007 GRTS project data prior to April 1, 2008 (load reduction data by February 15, 2008).
- c. Submit a complete annual report for the Nonpoint Source Management Program (including available load reductions), and §319 grant.
- d. Update the umbrella Memorandum of Understanding (MOU) with Nonpoint Source entities.
- e. Perform §319 project reviews utilizing the Nonpoint Source Management Plan as a guidance document.
- f. Integrate outside funding efforts with §319 funding to allow increased funding of implementation work in priority watersheds, per §319 guidance.
- g. Report (in annual report and as requested) watershed-based plans under §319 since the beginning of FY 2002, which are:
 1. under development,
 2. being implemented, and
 3. substantially implemented (per §319 guidance).
- h. Monitor installation and progress of grant projects.

COMPONENT 2. Watershed Protection Program

Identify potential §319/NPS projects that meet criteria to be reported to EPA as "Success Stories." If there are any qualifying projects, then develop, with EPA's support, a minimum of two §319/NPS "Success Stories." Under EPA's definition, §319/NPS projects that demonstrate progress towards partial or full restoration of beneficial uses may be considered as "Success Stories."

Schedule

Activities conducted under the auspices of §319/NPS will follow milestones identified in Idaho's Nonpoint Source Management Plan and §319/NPS grant work plan.

Funding

EPA funds approximately 60% of the §319/NPS program while 40% in matching funds comes from State and local monies. DEQ estimates approximately 6,508 person hours (approximately 3.13 work years) and approximately \$2,400,000 from the Federal §319 Grant will support §319 activities.

Program Commitments

EPA will work with DEQ to find the most expeditious mechanisms to utilize the State's full §319 allocation while minimizing the need for carryover funds between grants.

Program Contacts

Tim Wendland, DEQ (208) 373-0439

Rick Seaborne, EPA (206) 553-8510

Dave Pisarski, DEQ (208) 373-0464

COMPONENT 3. Wastewater Permitting Program

Program Goal

The goal of the Wastewater Permitting Program is to ensure wastewater is utilized in a manner that is protective of human health and the environment with respect to surface water and ground water. DEQ also supports the ultimate goal of the National Pollutant Discharge Elimination System (NPDES) program, by encouraging the elimination of pollutant discharges to Waters of the United States.

Activities

Process wastewater reuse permits; perform compliance oversight of wastewater reuse permitted facilities; assist health districts in on-site wastewater permitting; develop program guidance materials and ensure statewide consistency.

Program Contacts

Richard Huddleston, DEQ (208) 373-0561

Michael Lidgard, EPA, NPDES Unit (206) 553-1755

Maria Lopez, EPA, Idaho NPDES Liaison (208) 378-5616

Program Commitments

Priorities

- Conduct 50 wastewater reuse permit inspections.
- Issue 20 protective wastewater reuse permits.
- Conduct timely review of annual reports.
- Participate in the development of a National Sanitation Foundation testing protocol for subsurface drainfield products.

Outcome

An increase in the number of wastewater facilities that do not discharge to waters of the U.S.

3.1 Process 20 wastewater reuse permits by December 31, 2008

Approach

Priority will be given to new facilities, industrial facilities with expired permits, facilities with inadequate reuse permit limits, and those facilities with the potential to impact impaired waterbodies.

Outputs

- a. Issuance of wastewater reuse permits.
- b. DEQ will report progress on the issuance of the permits on a semi-annual basis.

Schedule

Final permits are due by the end of the calendar year.

Funding

State monies and Federal (EPA) grants including Surface Water 106 fund this activity. The State Program Office and six Regional Offices will complete this activity. The

projected level of effort is 15,500 person hours (approximately 7.5 work years).

Contacts

Richard Huddleston, DEQ (208) 373-0561

Michael Lidgard, EPA, NPDES Unit (206) 553-1755

Maria Lopez, EPA, Idaho NPDES Liaison (208) 378-5616

3.2 Provide compliance oversight of wastewater reuse permitted facilities

Approach

Provide oversight of the permit for compliance with permit conditions by conducting field inspections, reviewing annual reports, and reviewing permit compliance activities. Enforcement and compliance actions are to be performed as needed.

Outputs

- a. Complete 50 inspection reports.
- b. Complete 50 annual report reviews.
- c. Complete 20 permit compliance activity reviews.
- d. DEQ will report progress semi-annually on the number of inspections completed.

Schedule

All performance measures will be met by the end of calendar year.

Funding

This activity is funded by state funds and federal (EPA) grant monies including Surface Water 106 funds. Staff located in the Technical Services Division, the State Program Office, and six Regional Offices will complete this activity. The level of effort projected for this activity is 6,480 person hours (approximately 3.1 work years). Additional monies are available for contract work.

Contacts

Richard Huddleston, DEQ (208) 373-0561

Michael Lidgard, EPA, NPDES Unit (206) 553-1755

Maria Lopez, EPA, Idaho NPDES Liaison (208) 378-5616

3.3 Develop program guidance materials and ensure statewide consistency

Approach

The State Office will be responsible for developing materials for regional offices to use in implementing the wastewater reuse program in the field, including direction, guidance, and tracking systems. A guidance development workgroup is currently established with DEQ, stakeholders, consultants, and individuals in revising the current guidance. Higher priority items are being revised first. The effort is expected to be ongoing for several years.

Outputs

- a. Revised guidance published on the DEQ website.
- b. DEQ will provide copies of any draft or final guidance when requested by EPA.
- c. Provide Wastewater Reuse Training to new and existing staff.

Schedule

All performance measures will be met by end of the calendar year.

Funding

This Activity is funded by state funds and federal (EPA) grant monies including Surface Water 106. Primarily staff in the State Program Office will complete this Activity with support from the Technical Services Division and the six Regional Offices. The level of effort projected for this activity is 9,315 person hours (approximately 4.5 work years). Additional monies are available for contract work.

Contacts

Richard Huddleston, DEQ (208) 373-0561

Michael Lidgard, EPA, NPDES Unit (206) 553-1755

Maria Lopez, EPA, Idaho NPDES Liaison (208) 378-5616

**3.4 Manage the on-site wastewater program --
Revise the Technical Guidance Manual, assist the District Health Departments in
issuing on-site permits, review large systems plans and specifications, and
perform nutrient-pathogen studies**

Approach

The State Office will provide guidance materials and overall management activities related to this program. The Regional Offices will be responsible for plan and specification reviews and ground water impact studies.

Outputs

- a. Revise the Technical Guidance Manual.
- b. Review plans and specifications for large systems.
- c. Assist in the review of ground water impact studies.

Schedule

Activities will be completed on an as needed basis. Plans and specifications and nutrient-pathogen studies will be completed within 30 days of submittal if possible.

Funding

Funding for this activity consists of 4,600 person hours (2.2 work years) from Water Quality 106 funds and the Federal (EPA) 604(b) grant.

Contacts

Carla Fromm, IOO (208) 378-5755

Richard Huddleston, DEQ (208) 373-0561

AJ Maupin, DEQ (208) 373-0140

3.5 Component Commitments

DEQ and EPA Commitment

EPA and DEQ will work collaboratively to develop a performance measure and an environmental result that address 106 program grant guidance by May 2008.

EPA Commitment

Encourage wastewater reuse where it is a preferable alternative to wastewater discharge to waters of the U.S.

COMPONENT 4. Ground Water Program PPA

Program Goal

The goals of the DEQ Ground Water Program are to protect and improve the quality of the State's ground water, and ensure that existing and future beneficial uses including drinking water, agricultural, industrial, and aquaculture water supplies are met. All ground water is to be protected as a valuable public resource against contamination as per Idaho's Ground Water Quality Rule, IDAPA 58.01.11. The quality of degraded ground water is to be restored where feasible and appropriate to support designated beneficial uses.

As of October 2005, the Ground Water Program also coordinates voluntary activities to protect drinking water sources of public water systems.

Activities

- Coordinate all Ground Water and Drinking Water Protection related programs that EPA provides funding for in Idaho; develop and implement management plans in areas of the State with degraded ground water quality; develop guidance for interpretation of the Ground Water Quality Rule; and implement Idaho's source water protection strategies.
- Perform other Ground Water Program and Drinking Water Protection related activities (rule interpretation and implementation, project and contract management, policy development and implementation, public education and outreach, regional/local ground water monitoring, source water assessments for new sources, and drinking water protection plans and projects).

Program Contacts

Marie Jennings, EPA (206) 553-1893

Dave Hovland, DEQ (208) 373-0475

Program Commitments

Program Priorities

- Promote adoption of best management practices (BMPs) for ground water protection and evaluate their effectiveness.
- Develop ground water quality management plans/strategies for addressing areas of ground water quality degraded by nitrate for the top ten nitrate priority areas by 2010. In CY 2008 DEQ will continue to develop ground water quality management plans for four nitrate priority areas (Camas Prairie, Ashton, Rupert, and Lower Portneuf River Valley Aquifer (Pocatello) areas).
- Continue development of a comprehensive program for ground water monitoring in nitrate degraded areas throughout the State to determine the nature and extent of contamination and to set a baseline for BMP effectiveness.
- DEQ will continue to implement the Ground Water Quality Rule with other designated agencies through its role as chair of the Idaho Ground Water Monitoring Technical Committee and its participation in the Idaho Department of Agriculture, Ground Water Coordination Committee.
- Re-evaluate and define Idaho's Source Water Program definitions of protection and substantial implementation.

- Participate in the Natural Resources Interim Legislative Committee and local aquifer working group deliberations to assist in the development of statewide solutions for ground and surface water quantity and quality concerns.
- Assist Public Drinking Water Systems and communities with drinking water protection efforts.
- Initiate the development of a drinking water protection grant program.

Outcomes

- Decreasing concentrations of nitrate contamination in aquifers located within designated degraded areas of the State.
- Percent reduction of mean nitrate levels in all monitored wells within nitrate priority areas having completed management plans and percent reduction of nitrate levels in monitoring wells exceeding the ground water quality standard within nitrate priority areas having completed management plans.
- Minimized risk to public health for the population served by community water systems through implementation of Idaho's source water protection strategies.

Program Indicators

Number of management plans/strategies implemented in degraded ground water quality areas, as well as the percentage of community water systems and/or the population served by community water systems that are covered by source water protection strategies.

4.1 Support the Ground Water 106 Program and other ground water protection coordination activities – management, oversight, and administrative support.

Approach

DEQ will coordinate activities with other agencies for protection of ground water.

Outputs

- a. Chair the Ground Water Monitoring Technical Committee and subcommittees.
- b. Participate in the Agricultural Ground Water Coordination Committee and subcommittees.
- c. Provide support to advisory groups of completed ground water quality management plan areas (Twin Falls, Burley-Cassia County, Weiser, Lower Boise/Canyon County, Grand View, and Bliss prioritized degraded nitrate areas).

Funding

This activity will be funded by EPA Ground Water 106 funds and state resources. DEQ staff working on this activity will consist of program managers, administrative support, and technical lead persons estimated at a level of 2,100 person hours or 1.0 work year (of which approximately 0.5 work year is funded from the federal GW 106 Grant/representing federal GW 106 costs of \$48,222).

Schedule

Interagency teleconference coordination meetings to be held quarterly. We will target the quarterly calls for the second weeks of January, April, July, and October. Also, participate in a face-to-face meeting with EPA in April 2008.

Contacts

Eric Winiecki, EPA (206) 553-6904

Dave Hovland, DEQ (208) 373-0475

4.2 Implement protection and restoration activities in degraded ground water quality areas – including management plans

Approach

DEQ will work with the public and relevant agencies in the area to develop management strategies. DEQ will continue these efforts this fiscal year in the Camas Prairie degraded nitrate priority area (Lewiston Regional Office), Rupert degraded nitrate priority area (Twin Falls Regional Office), the Ashton degraded nitrate priority area (Idaho Falls Regional Office), and the Lower Portneuf River Valley Aquifer degraded nitrate priority area (Pocatello Regional Office).

Resources

DEQ and other agencies will examine ongoing and planned activities in the priority areas to determine if these can be incorporated into a final restoration strategy. DEQ, when appropriate, may request the formation of an advisory committee, or may utilize an existing advisory group to provide a recommendation regarding the development of management strategies.

Outputs

- a. Ground Water Quality Management Plans (GWQMPs) that are consistent with the Idaho Ground Water Quality Plan, the Idaho Ground Water Quality Rule, DEQ Policy 004, and contain effective strategies for the restoration of the degraded areas. DEQ will complete the 5-year review of the Twin Falls GWQMP. Review will include a revised plan containing an evaluation of BMP effectiveness as well as a trend analysis of nitrate levels.
- b. Provide electronic copies of completed or revised GWQMPs to EPA.

Schedule

The Lewiston, Twin Falls, Idaho Falls, and Pocatello Regional Offices are currently working with ground water coordination committees in their respective regions. The schedule for final plan development is predicated upon level of interest and involvement of the anticipated committees. Final outputs are scheduled for CY 2008, and may be subject to change depending on the allocation of state resources and priorities.

Funding

This activity is funded with a combination of \$319 grant funds, Ground Water 106 funds, and State resources. It is estimated that this activity will require 6,475 person hours or approximately 3.1 work years (of which approximately 0.50 work year is funded from the federal GW 106 Grant representing federal GW 106 costs of \$48,222) in the Regional Offices, Technical Services Division, and State Office.

Contacts

Eric Winiecki, EPA (206) 553-6904

Toni Mitchell, DEQ (208) 373-0250

**4.3 Ground Water Programmatic Related Activities –
Agricultural Ground Water Protection Program implementation, program reporting,
rule interpretation and implementation, management policy development and
implementation, public education and outreach, regional/local ground water
monitoring and program implementation, etc.**

Approach

Continue management and implementation of Idaho's Ground Water Quality Program. Coordinate DEQ Regional Offices and State Office in the area of Ground Water Rule interpretation and implementation. Participate in the implementation of the Agricultural Ground Water Protection Program portion of the Ground Water Quality Plan.

Outputs

- a. In CY 2008, DEQ will continue supporting the Idaho Department of Water Resources (IDWR) with funding for additional monitoring at several existing and proposed recharge sites in order to characterize background water quality in the areas prior to recharge.
- b. Continue to participate in IDWR Natural Resource Interim Legislative Committee meetings.
- c. Participate in local aquifer working groups:
 1. Treasure Valley Aquifer
 2. Mountain Home Aquifer
 3. Rathdrum Prairie Aquifer
 4. ESPA-Snake River
 5. Bear River
 6. Portneuf Aquifer
- d. Conduct and coordinate follow-up ground water sampling events and projects to monitoring detections from the IDWR Ambient Statewide Ground Water Quality Monitoring Program or as requested by other agencies such as public health districts. Follow-up ground water sampling events can also be initiated by public water system detections or based on individual complaints or concerns. Approximately 190 sampling events are anticipated in SFY 08.
- e. Develop local or regional monitoring projects as a result of follow-up monitoring activities, nutrient-pathogen (NP) validation projects or aquifer protection activities. Approximately 16 such projects are planned for SFY 08. Copies of completed reports will be provided to EPA.
- f. Continue to develop protocols for ground water monitoring activities not covered in the DEQ Quality Assurance Plan. The protocols include monitoring site selection criteria, site documentation, and data delivery to the Idaho Environmental Data Management System (EDMS). The protocols will be shared with other agencies.
- g. Prepare semiannual progress reports to EPA and assist in preparing and submitting input for DEQ Performance Indicators, Strategic Plan/or DEQ State of the Environment Report.
- h. Provide informational presentations, technical assistance, and responses to public information requests. An average 15 of such requests is anticipated each month.
- i. Promote adoption of BMPs for ground water protection, and initiate the preparation of a field guide for evaluating ground water BMP effectiveness. (In CY 2008, continue to participate in multi-agency Ground Water BMP Effectiveness Technical Committee Meetings towards development of a field guide.)

- j. Complete development of guidance for interpretation of the Ground Water Quality Rule. (Complete the development of draft guidance documents on determining "Significant Degradation" and "Background and Degradation"). Copies of completed guidance documents will be provided to EPA.
- k. Approve or disapprove water quality monitoring plans for aquifer recharge projects by land application. Continue to support the development of managed recharge projects in a manner for protecting groundwater quality.
- l. (Note item l is covered under item e above and is proposed to be deleted).
- m. Continue to meet with IDWR and ISDA to review implementation of the Idaho Ground Water Quality Plan and interagency agreements.
- n. Conduct Ground Water Quality Rule revisions (DEQ has initiated negotiated rule-making to clarify items related to mining activities). DEQ's Web site link will be provided to EPA if the Ground Water Quality Rule is revised.
- o. Continue to populate the DEQ ground water quality database with new and historical ground water quality data.
- p. In CY 2008, nitrate results from ground water samples collected within the last 5 years will be compiled by DEQ for use in updating the degraded ground water quality areas for nitrate priority originally created in 2001. DEQ's Web site link will be provided to EPA when the degraded ground water quality areas for nitrate are updated.
- q. Continue to provide technical support for enforcement of the ground water quality rule.

Schedule

Final outputs are scheduled for December 31, 2008, and may be subject to change depending on the allocation of state resources and priorities.

Funding

This activity is funded with a combination of state resources and Ground Water 106 funds, estimated at a level of 11,450 person hours or approximately 5.5 work years (of which approximately 1.0 work year is funded from the federal GW 106 Grant/representing federal GW 106 costs of \$96,444) from the State Office, Regional Offices, and Technical Services.

Contacts

Eric Winiecki, EPA (206) 553-6904

Ed Hagan, DEQ (208) 373-0356

4.4 Coordinate ground water implementation strategies for a comprehensive program with existing State and federal agency partners.

Approach

Participate with other groups to develop collaborative strategies for management of Idaho's ground water resources.

Resources

DEQ will use mostly internal resources to oversee and facilitate this activity.

Output

Prepare the ground water section of the 2008 Integrated Report and coordinate this with DEQ's Surface Water Program (DEQ's lead group for the 2008 Integrated Report). Provide DEQ's Web site link to EPA when the Integrated Report is completed.

Schedule

Final outputs are scheduled for December 31, 2008, and may be subject to change depending on the allocation of state resources and priorities.

Funding

Legislatively appropriated state resources and federal dollars will fund this activity. Projected level of effort for this internal and interagency coordination effort is 1,350 person hours or approximately 0.6 work years (of which an estimated 0.2 work year is funded by the federal GW 106 Grant/ representing federal GW 106 costs of \$19, 289).

Contacts

Marie Jennings, EPA (206) 553-1893

Dave Hovland, DEQ (208) 373-0475

4.5 Source Water Protection Activities

Approach

DEQ will: coordinate activities with other agencies, cities, and counties, as well as Idaho Rural Water Association source water protection staff; establish a drinking water protection grant program; and conduct source water protection educational outreach and training events.

Outputs

Number of source water assessments completed for new sources.

Number of drinking water protection plans completed and/or recertified.

Number of drinking water protection projects completed.

Note: Annually provide EPA a list of completed source water assessments and drinking water protection plans. Also, annually provide EPA an example of one completed drinking water protection project and a list of completed projects for the year.

Funding

This activity will be funded by the EPA State Revolving Fund (SRF) Wellhead 10% Set Aside [1452(g)(2)] and §319 funds. DEQ staff working on this activity will consist of program managers, administrative support, and technical lead persons estimated at a level of 13,665 person hours or approximately 6.5 work years which is funded by the SRF Wellhead 10% set-aside.

Schedule

Final outputs are scheduled for December 31, 2008.

Contacts

Eric Winiecki, EPA (206) 553-6904

Amy Williams, DEQ (208) 373-0115

4.6 Component Commitments

DEQ and EPA Commitments

- a. Meet annually to review ground water program progress. Also, provide updates on ground water projects during quarterly conference calls.
- b. Continue to improve, maintain, and protect the quality of ground water in Idaho and seek additional resources to implement actions to accomplish that goal.
- c. Continue coordination and communication across program boundaries.
- d. Focus additional resources in prioritized areas with significant ground water quality degradation.
- e. Continue to share strategies on successful BMP implementation to reduce nitrate concentrations in degraded ground water areas.
- f. Participate in the annual Western States/EPA Source Water/Ground Water Conference to share strategies with other groups for the management of Idaho's ground water resources.

COMPONENT 5. NPDES Program

Program Goal

The goal of the National Pollutant Discharge Elimination System (NPDES) Program is to maintain or improve the Waters of the United States, which include surface waters of the state, and eliminate pollutant discharge. EPA currently retains primacy for the NPDES Program in Idaho. EPA is responsible for the permitting and enforcement of all NPDES permits. DEQ is responsible for the water quality certification of all permits and performance of a number of compliance inspections per year for EPA, as negotiated. DEQ conducted approximately 50 NPDES inspections last year. DEQ will continue to develop capacity to perform tasks that assist EPA and may in the future enable DEQ to assume primacy of the NPDES program if desired.

Activities

- Perform NPDES compliance inspections and provide NPDES permit writing assistance.
- Review plans for wastewater facilities construction.
- Certify NPDES permits.
- Perform Biosolids Coordination and limited Storm Water support.

Program Contacts

Michael Lidgard, EPA (206) 553-1755

Kimberly Ogle, EPA (206) 553-0955

Richard Huddleston, DEQ (208) 373-0561

Michael McIntyre, DEQ (208) 373-0570

Program Commitments

Program Priorities

- Complete approximately 50 NPDES inspections this year with emphasis on smaller facilities.
- EPA will provide a 3-year plan for DEQ to issue NPDES permits.
- Utilize EPA's plan and DEQ policy to prepare 401 Certifications.
- Work with EPA and Idaho Department of Agriculture to revise the Beef Cattle Memorandum of Understanding (MOU) and Dairy Memorandum of Understanding (MOU).
- Develop DEQ capacity to perform NPDES compliance inspections and write NPDES permits.

Outcomes

- 50 NPDES compliance inspections completed, with an emphasis on smaller facilities.
- Perform NPDES certifications in a timely manner.

5.1 Increase Capacity in the NPDES Program

Approach

The Capacity Development Plan will be reviewed and revised if necessary. The plan will be implemented during CY 2008.

Outputs

- a. Implement the Capacity Development Plan during CY 2008. The plan will provide more detail about obtaining training, assisting with inspections, and assisting with permit writing.
- b. Revise the Capacity Development Plan if necessary.

Schedule

To be developed based on EPA NPDES Permits Unit 3-year plan and NPDES training opportunities. Implementation activities to occur during CY 2008.

Funding

This activity is funded by federal 104b(3) grant funds. In SFY 2008, 683 person hours (approximately 0.33 work years) will be devoted to this effort.

Contacts

Michael Lidgard, EPA (206) 553-1755

Kimberly Ogle, EPA (206) 553-0955

Richard Huddleston, DEQ (208) 373-0561

5.2 NPDES Activities –

Perform NPDES inspections, certify NPDES permits, and review plans and specifications for wastewater facilities construction.

Approach

To assist in improving Waters of the United States, which includes surface waters of the state, DEQ will perform compliance inspections for EPA, provide water quality certifications, and review plans and specifications for wastewater facilities construction. For the term of this PPA, DEQ will also build storm water inspection capacity through on-the-job training and observation of EPA-conducted storm water inspections. This will provide opportunities for performance partnering/capacity building in the storm water inspection arena in accordance with national priorities.

Outputs

- a. Inspection Reports: a negotiated list of municipal and industrial NPDES compliance inspections to be completed by DEQ. The negotiated DEQ inspection list will be drafted by September 1 and finalized by October 31 each year.
- b. Provide comments on preliminary draft permits and draft 401 certifications as appropriate, and final 401 certifications for proposed final permits.
- c. Provide plan approval letters for wastewater facilities construction.
- d. Provide quarterly reports that include a list of inspections done, and a list of inspection reports completed, during the period. The lists must include the facility name, permit number, report date, and inspection date.
- e. Implement the Capacity Development Plan during CY 2008.

Schedule

Plans will be reviewed within 42 days, water quality 401 certifications within 60 days, NPDES compliance inspections within the period scheduled, and NPDES compliance inspection reports within 60 days after the inspection is completed.

Funding

This activity will be funded by State and EPA grant monies including Surface Water 106 funds. Staff located in Technical Services, the State Office, and six Regional Offices will complete this activity. The level of effort projected for this activity is 19,900 person hours (approximately 9.6 work years).

Contacts

Michael Lidgard, EPA (206) 553-1755

Kimberly Ogle, EPA (206) 553-0955

Richard Huddleston, DEQ (208) 373-0561

Michael McIntyre, DEQ (208) 373-0570

5.3 Biosolids Coordination

Approach

Improve coordination of the biosolids programs with EPA, other state agencies, and the regulated community.

Outputs

- a. DEQ will continue to assist EPA in the development of the biosolids general permit, individual permits, or compliance assistance.
- b. DEQ will review proposals for land application of domestic septage and will approve or disapprove land application sites in accordance with state regulations.

Schedule

Outputs listed above will be completed by December 31, 2008.

Funding

This activity is funded in part by a federal Water Quality 106 grant. In CY 2008, 290 hours of staff time (approximately 0.14 work years) will be devoted to this effort.

Contacts

Richard Huddleston, DEQ (208) 373-0561

Dick Hetherington, EPA (206) 553-1941

5.4 Storm Water Activities

Approach

With limited funds and authorities, DEQ activities will be very limited this year. Activities will be limited to keeping the DEQ Catalog of Storm Water BMPs current and providing basic information and referrals to EPA for inquiries to DEQ from the public and the regulated community.

Outputs

EPA will provide a draft schedule for creating the municipal Surface Water permits by urban area. DEQ will provide timely input to EPA on the municipal applications and preliminary draft permits, and provide 401 certification as necessary. DEQ will also conduct the following activities:

- a. Revise and promote the DEQ Catalog of Storm Water BMPs.

- b. Provide basic information and referrals on stormwater issues.

Schedule

EPA will share the schedule for creating the remaining Idaho Municipal Storm Water Permits by December 31, 2007, and DEQ and EPA will work together to issue the remaining Municipal Separate Storm Sewer Systems (MS4) permits in 2008.

Funding

This activity may be funded in part by the Federal Water Quality 106 grant. Approximately 400 hours of staff time (equivalent to 0.2 work years) will be devoted to this in CY 2008.

Contacts

Misha Vakoc, EPA (206) 553-6650

Kimberly Ogle, EPA (206) 553-0955

Richard Huddleston, DEQ (208) 373-0561

Michael McIntyre, DEQ (208) 373-0570

5.5 Component Commitments

EPA Commitments

- a. Provide technical assistance in biosolids issues.
- b. Work with DEQ in the determination of the annual NPDES compliance inspection schedule draft by September 1 and final by October 31 annually.
- c. Implement its 3-year operating plan (CY2006-CY2008) to reduce the backlog of expired NPDES permits and to issue permits to New Sources. This plan, with the list of targeted permits, will be shared with DEQ and will be updated yearly so that DEQ can properly manage its 401 certification and mixing zone evaluation responsibilities. The backlog target should be maintained and has been set to achieve 10% for all facilities since the end of CY2004.
- d. Utilize DEQ staff in assisting with the development of 1 NPDES permit.
- e. EPA will provide a schedule of Phase 2 MS4 storm water permitting activities by December 31, 2008.

DEQ Commitments

- a. Work with EPA and the Idaho Department of Agriculture to revise the Beef Cattle Memorandum of Understanding (MOU) and Dairy Memorandum of Understanding (MOU).
- b. Submit completed NPDES compliance inspection reports and summaries quarterly.
- c. Complete NPDES draft permit reviews and 401 certifications.
- d. Assist with preparation of one or more NPDES permits.
- e. Review wastewater construction plans.
- f. DEQ will continue to assist EPA in the development of the biosolids general permit, individual permits, or compliance assistance. DEQ will also review proposals for land application of domestic septage and will approve or disapprove land application sites in accordance with state regulations.
- g. DEQ will assist EPA in implementing the Phase 2 MS4 Storm Water program in Idaho by providing input into permitting.

COMPONENT 6. Drinking Water and Wastewater Loan Programs

Program Goal

Improve environmental protection and public health through construction, operation, maintenance and management of drinking water and water pollution nonpoint source and point source treatment facilities.

Activities

- Manage the Drinking Water and Water Pollution Control Loan Programs;
- Fund Nonpoint Source Projects;
- Manage the State Grant Programs for Drinking Water Projects & Wastewater Projects;
- Manage STAG Funded Projects; and
- Conduct Operator Expense Reimbursement Grant Program.

Program Contacts

Rick Green, Drinking Water, EPA (206) 553-8504

Dan Steinborn, Wastewater, EPA (206) 553-2728

Cyndi Grafe, STAG, EPA (208) 378-5771

William Chamberlain, EPA (206) 553-8515

Tim Wendland, DEQ (208) 373-0439

Program Commitments

Program Priorities

- Issue 12 planning grants and \$38 million dollars in loans to improve drinking water system infrastructure. DEQ currently has \$30.65 million in loan applications "in-hand" for SFY 2008.
- Issue 7 planning grants and \$40 million dollars in loans to improve wastewater system infrastructure. DEQ currently has \$13.3 million in loan applications "in-hand" for SFY 2008.
- Issue nonpoint source loans for purposes that could include municipal storm water management, and agricultural activities. Coordinate with \$319 Nonpoint Source Program and TMDL Program.
- Report on environmental outcomes by completing an environmental benefits evaluation for each project on EPA's national information management system for the Clean Water SRF.

6.1 Manage the Drinking Water and Wastewater Loan Programs

Approach

For each loan program, execute loan commitments for at least an amount equal to that required and defined in federal statute. Maintain correct federal and state funding ratios by drawing federal funds for each loan program in the proper proportional amounts.

Outputs

- a. Negotiate loan agreements regarding projects listed on the Intended Use Plans, in an amount no less than that required by federal statute.
- b. Prepare Annual Reports for the Water Pollution Control SRF and the Drinking Water SRF.

COMPONENT 6. Drinking Water and Wastewater Loan Programs

- c. The state environmental review processes, the operating agreements, and the loan handbooks will be updated and draft efforts will be submitted to the EPA (for their comment) by January 1, 2008.

Schedule

Loans are negotiated throughout the fiscal year, which ends June 30. The Water Pollution Control and Drinking Water SRF Annual Reports are due 90 days after the end of the grant year (e.g., the Water Pollution Control state fiscal year 2007 report is due by November 30, 2007).

Funding

This activity will be funded by the 4% administrative set-aside portion of both SRFs and one-time state funds. In SFY 2008, approximately 14,278 person hours (equivalent to 6.86 work years) will be budgeted to the SRFs. This includes State Office, Technical Services, and Regional Office staff.

Contacts

Tim Wendland, DEQ (208) 373-0439

Rick Green, Drinking Water, EPA (206) 553-8504

Dan Steinborn, Wastewater, EPA (206) 553-2728

6.2 Funding Nonpoint Source Projects

Outputs

A priority list for FY 2008 has been prepared and put out for public comment. The current priority list does not contain any nonpoint source projects.

Schedule

The Board of Environmental Quality approved the priority list on April 18, 2007.

Funding

Any DEQ staff time charged for making nonpoint source project loans will be charged against the 4% CWSRF set-aside for administration and state appropriation.

Contacts

Tim Wendland, DEQ (208) 373-0439

Dan Steinborn, EPA (206) 553-2728

6.3 Planning Grant Programs for Drinking Water and Wastewater Projects

Approach

Develop an annual wastewater and drinking water grant project priority list. Grants issued under this program utilize State funds.

Outputs

- a. Priority lists of grant projects, on April 18, 2008.
- b. Nineteen (19) potential applicants are expected to submit grant applications during SFY 2008.
- c. Reporting for any DWSRF Set-Aside expenditures for this activity will be provided via the DWSRF program annual report.

COMPONENT 6. Drinking Water and Wastewater Loan Programs

Schedule

Grants are negotiated throughout the State fiscal year, which ends June 30.

Funding

Funding for staff that work in the grant programs are provided through State General Funds. 6,559 person hours (approximately 3.15 work years) statewide has been budgeted in SFY 2007.

Contact

Tim Wendland, DEQ (208) 373-0439

Rick Green, EPA (206) 553-8504

Dan Steinborn, EPA (206) 553-2728

6.4 Manage STAG Funded Projects

Outputs

Process reimbursement requests, review change orders, conduct project inspections, and prepare closeout packages, as detailed in the 2003 STAG 205g grant award (scope of work) documents.

Funding

Funding for DEQ staff time for administration and oversight of these EPA wastewater and drinking water construction grant projects will come from the 3% set-aside monies in the respective grants awarded to DEQ. 2,755 person hours (approximately 1.32 work years) have been budgeted for these activities in SFY 2008.

Contacts

Tim Wendland, DEQ (208) 373-0439

Cyndi Grafe, EPA (208) 378-5771

6.5 Manage Operator Expense Reimbursement Program

Outputs

Award and administer a contract for training of very small drinking water system operators.

Funding

Funding for DEQ staff will come from the administrative allowance in the grant. 965 person hours (approximately 0.46 work years) have been budgeted for SFY 2008.

Contacts

Tim Wendland, DEQ (208) 373-0400

Bill Chamberlain, EPA (206) 553-8515

6.6 Evaluate the DWSRF Disadvantaged Assistance Program

Outputs

- a. Evaluate water systems on current SRF priority list to determine eligibility for disadvantaged assistance.

COMPONENT 6. Drinking Water and Wastewater Loan Programs

- b. Evaluate the eligibility for disadvantaged assistance for water systems with which DEQ is currently negotiating arsenic compliance schedules.
- c. Prepare a list of projects that potentially could receive disadvantaged assistance during the next fiscal year.
- d. Provide discussion in the DWSRF Annual Report for SFY 2008 regarding additional projects that potentially could be eligible for disadvantaged assistance.

Funding

Funding for this evaluation will consist of 4% DWSRF Administration Set-Aside funds.

Contacts

Tim Wendland, DEQ (208) 373-0439

Rick Green, EPA (206) 553-8504

6.7 Component Commitments

DEQ Commitments

- a. Follow all terms and conditions outlined in the operating agreements, yearly capitalization grant agreements, federal statutes, regulations, and published national guidance and policies for both SRF Loan Programs.
- b. Submit annual SRF reports to EPA as required.
- c. Complete annual development, review, and modification of the Intended Use Plans for both SRF Loan Programs.
- d. Pursue a process for funding non-point source loans (e.g., agricultural and storm water).

EPA Commitments

- a. Conduct timely annual reviews and written reports of both SRF loan programs.
- b. Provide DEQ with advice and consultation as requested and updated program guidance from EPA Headquarters as it becomes available.
- c. Provide timely, informative, and accurate advice regarding SRF program implementation and development questions from DEQ.

COMPONENT 7. Safe Drinking Water Program

Program Goal

The goal of the DEQ Safe Drinking Water Program is to assist and support public water systems to ensure the delivery of safe and reliable drinking water.

Objectives

1. Public water systems that are located, designed, constructed, operated, maintained, and protected to reliably meet drinking water health based standards.
2. Public water systems serving drinking water meeting all health-based standards.

Primary Program Contacts

Lance Nielsen, DEQ (208) 373-0291

Marie Jennings, Unit Manager, EPA (206) 553-1893

Outcomes, Targets, and Activities

7.1 Public Health Outcomes/Indicators

- a. Successfully address statewide Significant Noncompliers (SNCs) (Microbial, Nitrate, Lead, and Chronic Contaminants) for small, medium, and large drinking water systems.
- b. Absence of reported waterborne disease outbreaks.

7.2 Outcome Targets

* Will address or resolve 48 (represents 50%) of public water systems listed on the "fixed Base" SNC/Exceptions list. It is recommended that high priority systems be substituted for lower priority systems on the fixed base list. The number of SNCs selected will be in SDWIS by June 30, 2008, so the numbers achieved will be available for the October end-of year results.

"Address" is a term used to identify a resolution to the problem or violation that consists of the system returning to compliance or the State taking formal enforcement action. Examples of what may constitute "address" are: the contaminant no longer exceeds the MCL in a specified period of time, monitoring is complete, a bilateral enforceable agreement has been entered into, or an administrative order or other civil/criminal action has been filed.

7.3 Activities/Performance Measures

Objective 1: Public water systems that are located, designed, constructed, operated, maintained, and protected to reliably meet drinking water health based standards.	Objective 2: Public water systems serving drinking water meeting all health-based drinking water standards.
Performance measures for contamination prevention and supporting activities: <ul style="list-style-type: none"> • Number of sanitary surveys completed • Percentage of public water systems with current sanitary surveys 	Performance measures for compliance indicators and supporting activities: <ul style="list-style-type: none"> • Percentage of public water systems in significant compliance with health-based standards

<ul style="list-style-type: none"> • Percentage of community water systems that have current sanitary surveys (3 year frequency except 5 year frequency for outstanding performers) • Number of plan and specification reviews processed in less than 42 days • Percentage of GWUDI determinations completed • Number of SDWIS compliance runs validated • Number of outreach products provided such as the Drinking Water Newsletter, drinking water related brochures • Percentage of annual drinking water fees collected 	<ul style="list-style-type: none"> • Number of acute microbial and surface water treatment failure events resolved • Number of chemical maximum contaminant level events addressed • Percentage of consent orders in compliance with the terms of their consent order • Number of public water systems in violation of health-based standards in excess of 8 months (SNC exception) • Number of database compliance determinations
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Program Commitments

7.4 DEQ / EPA Drinking Water Partnership Commitments and Schedule

DEQ/EPA agree to:

- Meet face to face or via teleconference at least four times per year to discuss SNC status, compliance issues, and PWSS program performance issues. At least one of the meetings will be face to face.
- Meet annually for mid-year review/ performance discussion (February).
- Meet annually for program review / performance discussion (July).
- The following priority of rule implementation: 1) Total Coliform Rule 2) Surface Water Treatment Rules 3) nitrate 4) lead.
- Maintain and collaborate on state laboratory certification.
- Cooperate and coordinate on issues related to the implementation of new rules.
- Cooperate to resolve data quality issues.

DEQ agrees to:

- Upload quarterly SDWIS/State data on time to EPA unless dtf to xml transition makes this not possible.
- Provide EPA with semi-annual performance measure reports in the format utilized by DEQ.
- Implement new rules on schedule.
- DEQ will work with EPA to develop appropriate resolution of the Idaho Final Data Verification Report recommendations.

EPA agrees to:

- a. Report quarterly to Idaho DEQ on their analysis of state performance on the EPA measures.
- b. Provide DEQ with a quarterly SNC list in addition to the Pivot Table.
- c. Assist DEQ with transition from SDWIS/State to SWR1.
- d. Communicate issues with and through the DEQ state program office only.
- e. Reduce administrative demands on the State by limiting reporting requirements to semi-annual reports and obtain necessary reports and information from SDWIS when possible.
- f. Attend Idaho Drinking Water Advisory Committee meetings via teleconference or in person.
- g. Continue to provide rule interpretation and assistance.
- h. Provide advance notification to the State on training opportunities,
- i. Continue to implement Unregulated Contaminant Monitoring Rule and update DEQ on relevant issues.
- j. Continue early implementation activities for Stage 2, DBPR, and LT2-ESTWER as necessary and as agreed upon in the December 2005 workload agreement between EPA and DEQ. Assuming approval of the Stage 2 and LT2 Rules by the 2008 Idaho Legislature, DEQ should begin implementation during the second quarter of calendar year 2008.

7.5 Safe Drinking Water Program Resources Matrix

ACTIVITIES :		PWSS Base Grant	DWSRF 2% Technical Assistance Set Aside [1452(g)]	DWSRF Capacity Development Set-Aside [1452(k)]	DWSRF Well Head Protection Set Aside [1452(k)(1)(D)]	PWSS 10% Set Aside [1452(g)(2)]	CWA 319 Non-Point Source	Hours/FTE's
Data Reporting to EPA using SDWIS/STATE		X				X		10,032 hours/4.82 FTE's
Submit Primacy Applications for, and Implement Requirements of, New State Rules.		X						5,670 hours/2.72 FTE's
Conduct Final GWUDI Determinations		X						1,299 hours/0.62 FTE's
Address Compliance for Surface Water Systems		X						400 hours/.2 FTE's
Conduct Sanitary Surveys		X		X				6,179 hours/2.97 FTE's
Implement Capacity Development Strategy		X		X				3,420 hours/1.64 FTE's
Review Plans and Specifications		X	X					17,636 hours/8.47 FTE's
Provide Drinking Water Engineering Services and Support		X						700 hours/.3 FTE's
Perform Drinking Water Primacy Core Activities (public education, fee assessments, health district contract management, laboratory certification program, consumer confidence reports, annual confidence reports, drinking water security, DW operating licenses, Area Wide Optimization Program).		X				X		29,873 hours/14.36 FTE's

7.6 Drinking Water Contacts

<u>IDAHO DEQ</u>	<u>EPA Region X</u>
Lance Nielsen, Drinking Water Program Manager 208-373-0291	Marie Jennings, Drinking Water Manager 206- 553-1893
Tom Aucutt, Planning and Outreach Coordinator 208-373-0269	William Chamberlain, Operator Certification, Capacity Development, AWOP. 206 553-8515
Jerri Henry, Rule and Compliance Lead. 208-373-0471 (Laboratory Certifications, Chemical, and Radiation Rules).	Eric Winiecki, Pivot Table, Compliance and Enforcement, Performance Measures. 206-553-6904
Thomas John, Regulatory Specialist and Engineering Coordinator 208-373-0191 (Microbial Rules)	Cyndi Grafe, Idaho Field Ops 208-378-5771 (Idaho Drinking Water Liaison, Compliance and Enforcement, PWSS Project Officer, and Security Project Officer).
	Rick Green, Grants and Loans 206-553-8504 (DWSRF and Set-Asides Project Officer)
Don Lee, Field Services Lead. 208-373-0289 (Drinking Water Liaison with DEQ and Health District Field Offices). Capacity Development Coordinator, Operator Licensing, Sanitary Surveys, Performance Measures, Security).	Wendy Marshall, Microbial Rules, Disinfection Byproduct Rules, Lead and Copper, Consumer Confidence Rule. 206-553-1890
Mike Piechowski, Staff Engineer 208-373-0274 (Cross Connecton Control, Lead/Copper Rule)	Jane Schuster, SDWIS/Fed 206-553-1096
Curtis Stoehr, SDWIS/State Coordinator 208-373-0542.	Gene Taylor, Lab Certifications, Unregulated Contaminant Monitoring Rule, Risk Assessment, Chemical Rules. 206-553-1389
Joan Thomas, Administrative Assistant 208-373-0409	

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